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[redacted] 67  
31 March 1967

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## NRO REVIEW COMPLETED

### MEMORANDUM FOR THE RECORD

SUBJECT: Interim Report on Project RINGAROUND

REFERENCE: A. [redacted] 67 Dated 27 January 1967  
B. [redacted] 67 Dated 16 March 1967

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1. The NPIC portion of the exercise to determine the optimum color balance and density of color reproductions for intelligence exploitation is progressing on schedule.

a. TID/SIEB - Nine evaluators completed the exercise.

b. TID/PB - The mensuration phase of the exercise will commence immediately. The exploitation and mensuration phase could not be conducted concurrently. TID/PB's results will be forwarded [redacted]

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c. PSD/PBL - The Photo Lab indicates they will [redacted] determines the new color balance and density level before committing themselves as to whether a similar reproduction will satisfy their requirements. This appears to be the most logical course to follow.

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d. PAG - The Photo Analysis Group provided 21 analysts and have completed their portion of the exercise. A modification in the testing procedure reduced the time involved to less than five hours per man.

e. IAS - The Image Analysis Staff provided four analysts and completed their portion of the exercise. Their score sheets, together with TID/SIEB and PAB score sheets, are ready for [redacted] correlation.

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2. A cursory appraisal of the score sheets indicates that the present aim point (color balance) will suffice until the results of the exercise are determined. The present density aim point is slightly higher than the analysts desire for exploitation.

3. The light tables used for the exercise were selected randomly. The color temperature of the light sources vary from 9,500° Kelvin to 12,500° Kelvin; the maximum intensity of the light sources vary from 900 to 1,200 foot lamberts. This data is being forwarded with the score sheets. Each score sheet indicates the temperature and intensity of the light source used in making selections.

4. This exercise will provide meaningful data to the processing activity which in turn should provide better reproductions for intelligence exploitation within the Community.

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Distribution:

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